

## 2004-2014 Tucson MSA<sup>1</sup> Occupational Projections

Standard Occupation Classification (SOC) <sup>2</sup>		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total <sup>3</sup>
00-0000	Total, All Occupations	371,571	451,139	79,568	21.41%	8,075	8,801	16,875
<b>11-0000</b>	<b>Management Occupations</b>	<b>20,935</b>	<b>25,392</b>	<b>4,457</b>	<b>21.29%</b>	<b>446</b>	<b>394</b>	<b>840</b>
11-1000	Top Executives	5,657	6,913	1,256	22.20%	126	106	232
11-1011	Chief Executives	931	1,144	213	22.88%	21	18	39
11-1021	General and Operations Managers	4,659	5,699	1,040	22.32%	104	88	192
11-1031	Legislators	67	70	3	4.48%	0	1	1
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	1,727	2,142	415	24.03%	42	32	73
11-2011	Advertising and Promotions Managers	120	142	22	18.33%	2	2	4
11-2021	Marketing Managers	459	554	95	20.70%	10	9	18
11-2022	Sales Managers	977	1,234	257	26.31%	26	18	44
11-2031	Public Relations Managers	171	212	41	23.98%	4	3	7
11-3000	Operations Specialties Managers	3,479	4,183	704	20.24%	70	60	130
11-3011	Administrative Services Managers	656	805	149	22.71%	15	13	28
11-3021	Computer and Information Systems Managers	415	504	89	21.45%	9	8	16
11-3031	Financial Managers	1,369	1,671	302	22.06%	30	20	50
11-3041	Compensation and Benefits Managers	119	147	28	23.53%	3	2	5
11-3042	Training and Development Managers	99	134	35	35.35%	4	2	5
11-3049	Human Resources Managers, All Other	146	176	30	20.55%	3	3	6
11-3051	Industrial Production Managers	226	240	14	6.19%	1	4	6
11-3061	Purchasing Managers	194	215	21	10.82%	2	4	6
11-3071	Transportation, Storage, and Distribution Managers	255	291	36	14.12%	4	5	9
11-9000	Other Management Occupations	10,072	12,154	2,082	20.67%	208	197	405
11-9021	Construction Managers	863	1,101	238	27.58%	24	16	39
11-9031	Education Administrators, Preschool and Child Care Center/Program	275	343	68	24.73%	7	7	14
11-9032	Education Administrators, Elementary and Secondary School	355	453	98	27.61%	10	9	19
11-9033	Education Administrators, Postsecondary	660	815	155	23.48%	16	16	32
11-9041	Engineering Managers	985	1,117	132	13.40%	13	20	33
11-9051	Food Service Managers	1,121	1,352	231	20.61%	23	18	41
11-9071	Gaming Managers	81	93	12	14.81%	1	2	3
11-9081	Lodging Managers	478	570	92	19.25%	9	8	17
11-9111	Medical and Health Services Managers	1,255	1,672	417	33.23%	42	25	66
11-9121	Natural Sciences Managers	90	107	17	18.89%	2	2	3
11-9141	Property, Real Estate, and Community Association Managers	1,188	1,348	160	13.47%	16	22	38
11-9151	Social and Community Service Managers	462	577	115	24.89%	12	9	20

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11-9199	Managers, All Other	2,167	2,502	335	15.46%	34	42	76
<b>13-0000</b>	<b>Business and Financial Operations Occupations</b>	<b>14,578</b>	<b>17,817</b>	<b>3,239</b>	<b>22.22%</b>	<b>324</b>	<b>266</b>	<b>590</b>
13-1000	Business Operations Specialists	7,945	9,747	1,802	22.68%	180	149	330
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	199	250	51	25.63%	5	4	9
13-1022	Wholesale and Retail Buyers, Except Farm Products	422	477	55	13.03%	6	11	17
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	1,239	1,408	169	13.64%	17	31	48
13-1031	Claims Adjusters, Examiners, and Investigators	161	202	41	25.47%	4	2	6
13-1041	Compliance Officers, Except Agriculture, Construction, Health	438	523	85	19.41%	9	10	19
13-1051	Cost Estimators	637	856	219	34.38%	22	14	36
13-1071	Employment, Recruitment, and Placement Specialists	260	347	87	33.46%	9	4	13
13-1072	Compensation, Benefits, and Job Analysis Specialists	290	365	75	25.86%	8	4	12
13-1073	Training and Development Specialists	628	815	187	29.78%	19	10	28
13-1079	Human Resources, Training, and Labor Relations Specialists,	276	375	99	35.87%	10	5	15
13-1081	Logisticians	256	277	21	8.20%	2	4	7
13-1111	Management Analysts	1,384	1,577	193	13.95%	19	19	38
13-1121	Meeting and Convention Planners	136	166	30	22.06%	3	3	6
13-1199	Business Operations Specialists, All Other	1,584	2,063	479	30.24%	48	27	75
13-2000	Financial Specialists	6,633	8,070	1,437	21.66%	144	116	260
13-2011	Accountants and Auditors	2,758	3,434	676	24.51%	68	52	120
13-2021	Appraisers and Assessors of Real Estate	685	828	143	20.88%	14	15	29
13-2031	Budget Analysts	139	170	31	22.30%	3	2	5
13-2041	Credit Analysts	154	170	16	10.39%	2	2	4
13-2051	Financial Analysts	499	554	55	11.02%	6	7	13
13-2052	Personal Financial Advisors	714	984	270	37.82%	27	9	36
13-2072	Loan Officers	998	1,172	174	17.43%	17	16	33
13-2081	Tax Examiners, Collectors, and Revenue Agents	75	83	8	10.67%	1	2	3
13-2082	Tax Preparers	288	300	12	4.17%	1	5	6
13-2099	Financial Specialists, All Other	272	312	40	14.71%	4	5	9
<b>15-0000</b>	<b>Computer and Mathematical Occupations</b>	<b>7,524</b>	<b>9,317</b>	<b>1,793</b>	<b>23.83%</b>	<b>183</b>	<b>93</b>	<b>276</b>
15-1000	Computer Specialists	7,339	9,109	1,770	24.12%	181	89	270
15-1021	Computer Programmers	712	674	-38	-5.34%	0	17	17
15-1031	Computer Software Engineers, Applications	1,774	2,253	479	27.00%	48	18	65
15-1032	Computer Software Engineers, Systems Software	940	1,247	307	32.66%	31	9	40
15-1041	Computer Support Specialists	1,219	1,398	179	14.68%	18	15	33
15-1051	Computer Systems Analysts	1,210	1,521	311	25.70%	31	14	45
15-1061	Database Administrators	257	348	91	35.41%	9	3	12
15-1071	Network and Computer Systems Administrators	447	611	164	36.69%	16	5	21

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15-1081	Network Systems and Data Communications Analysts	347	539	192	55.33%	19	4	23
15-1099	Computer Specialists, All Other	416	497	81	19.47%	8	5	13
15-2000	Mathematical Scientists	185	208	23	12.43%	2	4	7
15-2031	Operations Research Analysts	148	169	21	14.19%	2	3	5
<b>17-0000</b>	<b>Architecture and Engineering Occupations</b>	<b>11,913</b>	<b>13,594</b>	<b>1,681</b>	<b>14.11%</b>	<b>168</b>	<b>275</b>	<b>444</b>
17-1000	Architects, Surveyors, and Cartographers	1,017	1,263	246	24.19%	25	24	49
17-1011	Architects, Except Landscape and Naval	376	476	100	26.60%	10	4	14
17-1012	Landscape Architects	99	126	27	27.27%	3	1	4
17-1021	Cartographers and Photogrammetrists	66	77	11	16.67%	1	2	3
17-1022	Surveyors	476	584	108	22.69%	11	16	27
17-2000	Engineers	7,902	8,856	954	12.07%	95	177	273
17-2011	Aerospace Engineers	540	546	6	1.11%	1	13	14
17-2041	Chemical Engineers	91	116	25	27.47%	3	3	5
17-2051	Civil Engineers	672	842	170	25.30%	17	11	28
17-2061	Computer Hardware Engineers	309	355	46	14.89%	5	5	10
17-2071	Electrical Engineers	1,313	1,413	100	7.62%	10	26	36
17-2072	Electronics Engineers, Except Computer	514	603	89	17.32%	9	10	19
17-2081	Environmental Engineers	175	230	55	31.43%	6	3	9
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	73	92	19	26.03%	2	2	4
17-2112	Industrial Engineers	674	791	117	17.36%	12	16	28
17-2131	Materials Engineers	50	67	17	34.00%	2	1	3
17-2141	Mechanical Engineers	2,294	2,478	184	8.02%	18	63	81
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	84	102	18	21.43%	2	2	4
17-2199	Engineers, All Other	1,056	1,147	91	8.62%	9	20	29
17-3000	Drafters, Engineering, and Mapping Technicians	2,994	3,475	481	16.07%	48	74	122
17-3011	Architectural and Civil Drafters	481	544	63	13.10%	6	14	20
17-3012	Electrical and Electronics Drafters	165	190	25	15.15%	3	5	7
17-3013	Mechanical Drafters	287	329	42	14.63%	4	8	12
17-3022	Civil Engineering Technicians	276	332	56	20.29%	6	6	11
17-3023	Electrical and Electronic Engineering Technicians	768	874	106	13.80%	11	16	27
17-3025	Environmental Engineering Technicians	116	143	27	23.28%	3	2	5
17-3026	Industrial Engineering Technicians	183	211	28	15.30%	3	4	7
17-3027	Mechanical Engineering Technicians	107	130	23	21.50%	2	2	5
17-3029	Engineering Technicians, Except Drafters, All Other	290	342	52	17.93%	5	7	12
17-3031	Surveying and Mapping Technicians	252	292	40	15.87%	4	9	13
<b>19-0000</b>	<b>Life, Physical, and Social Science Occupations</b>	<b>4,665</b>	<b>5,814</b>	<b>1,149</b>	<b>24.63%</b>	<b>115</b>	<b>108</b>	<b>223</b>
19-1000	Life Scientists	914	1,137	223	24.40%	22	18	41

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19-1011	Animal Scientists	659	809	150	22.76%	15	12	27
19-1029	Biological Scientists, All Other	79	105	26	32.91%	3	3	5
19-1042	Medical Scientists, Except Epidemiologists	51	71	20	39.22%	2	1	3
19-2000	Physical Scientists	747	908	161	21.55%	16	18	34
19-2012	Physicists	95	110	15	15.79%	2	3	5
19-2031	Chemists	84	98	14	16.67%	1	3	4
19-2041	Environmental Scientists and Specialists, Including Health	102	128	26	25.49%	3	2	4
19-2042	Geoscientists, Except Hydrologists and Geographers	131	153	22	16.79%	2	2	5
19-2043	Hydrologists	157	207	50	31.85%	5	3	8
19-2099	Physical Scientists, All Other	56	62	6	10.71%	1	1	2
19-3000	Social Scientists and Related Workers	1,720	2,153	433	25.17%	43	42	85
19-3021	Market Research Analysts	615	757	142	23.09%	14	16	30
19-3022	Survey Researchers	126	157	31	24.60%	3	3	6
19-3031	Clinical, Counseling, and School Psychologists	509	654	145	28.49%	15	11	26
19-3051	Urban and Regional Planners	99	115	16	16.16%	2	3	5
19-3099	Social Scientists and Related Workers, All Other	274	358	84	30.66%	8	6	14
19-4000	Life, Physical, and Social Science Technicians	1,284	1,616	332	25.86%	33	30	63
19-4021	Biological Technicians	55	70	15	27.27%	2	1	2
19-4031	Chemical Technicians	138	175	37	26.81%	4	3	7
19-4091	Environmental Science and Protection Technicians, Including	381	471	90	23.62%	9	9	18
19-4092	Forensic Science Technicians	79	112	33	41.77%	3	2	5
19-4099	Life, Physical, and Social Science Technicians, All Other	572	717	145	25.35%	15	14	28
<b>21-0000</b>	<b>Community and Social Services Occupations</b>	<b>6,006</b>	<b>7,482</b>	<b>1,476</b>	<b>24.58%</b>	<b>148</b>	<b>115</b>	<b>263</b>
21-1000	Counselors, Social Workers, and Other Community and Social Service Specialists	5,959	7,422	1,463	24.55%	146	115	261
21-1011	Substance Abuse and Behavioral Disorder Counselors	179	236	57	31.84%	6	4	10
21-1012	Educational, Vocational, and School Counselors	1,204	1,455	251	20.85%	25	28	53
21-1013	Marriage and Family Therapists	59	72	13	22.03%	1	1	3
21-1014	Mental Health Counselors	320	401	81	25.31%	8	7	15
21-1015	Rehabilitation Counselors	176	219	43	24.43%	4	4	8
21-1021	Child, Family, and School Social Workers	725	894	169	23.31%	17	12	29
21-1022	Medical and Public Health Social Workers	300	377	77	25.67%	8	5	13
21-1023	Mental Health and Substance Abuse Social Workers	586	763	177	30.20%	18	10	28
21-1029	Social Workers, All Other	132	164	32	24.24%	3	3	6
21-1091	Health Educators	114	142	28	24.56%	3	2	5
21-1092	Probation Officers and Correctional Treatment Specialists	925	1,079	154	16.65%	15	16	32
21-1093	Social and Human Service Assistants	1,025	1,330	305	29.76%	31	18	49
21-1099	Community and Social Service Specialists, All Other	191	263	72	37.70%	7	4	11
<b>23-0000</b>	<b>Legal Occupations</b>	<b>3,043</b>	<b>3,757</b>	<b>714</b>	<b>23.46%</b>	<b>71</b>	<b>36</b>	<b>107</b>

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23-1000	Lawyers, Judges, and Related Workers	2,026	2,515	489	24.14%	49	26	75
23-1011	Lawyers	1,852	2,313	461	24.89%	46	24	70
23-1023	Judges, Magistrate Judges, and Magistrates	128	148	20	15.63%	2	2	4
23-2000	Legal Support Workers	1,017	1,242	225	22.12%	23	10	33
23-2011	Paralegals and Legal Assistants	393	536	143	36.39%	14	3	18
23-2091	Court Reporters	128	145	17	13.28%	2	1	3
23-2092	Law Clerks	197	219	22	11.17%	2	2	4
23-2093	Title Examiners, Abstractors, and Searchers	231	262	31	13.42%	3	3	6
23-2099	Legal Support Workers, All Other	68	80	12	17.65%	1	1	2
<b>25-0000</b>	<b>Education, Training, and Library Occupations</b>	<b>20,684</b>	<b>26,844</b>	<b>6,160</b>	<b>29.78%</b>	<b>616</b>	<b>446</b>	<b>1,062</b>
25-1000	Postsecondary Teachers	4,073	5,469	1,396	34.27%	140	92	232
25-1011	Business Teachers, Postsecondary	150	201	51	34.00%	5	3	9
25-1021	Computer Science Teachers, Postsecondary	147	200	53	36.05%	5	3	9
25-1022	Mathematical Science Teachers, Postsecondary	167	224	57	34.13%	6	4	10
25-1032	Engineering Teachers, Postsecondary	65	87	22	33.85%	2	2	4
25-1042	Biological Science Teachers, Postsecondary	182	245	63	34.62%	6	4	10
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	53	70	17	32.08%	2	1	3
25-1053	Environmental Science Teachers, Postsecondary	88	122	34	38.64%	3	2	5
25-1061	Anthropology and Archeology Teachers, Postsecondary	51	68	17	33.33%	2	1	3
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	104	139	35	33.65%	4	2	6
25-1064	Geography Teachers, Postsecondary	60	82	22	36.67%	2	1	4
25-1071	Health Specialties Teachers, Postsecondary	695	927	232	33.38%	23	16	39
25-1072	Nursing Instructors and Teachers, Postsecondary	116	156	40	34.48%	4	3	7
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	75	103	28	37.33%	3	2	5
25-1121	Art, Drama, and Music Teachers, Postsecondary	225	301	76	33.78%	8	5	13
25-1123	English Language and Literature Teachers, Postsecondary	164	221	57	34.76%	6	4	9
25-1124	Foreign Language and Literature Teachers, Postsecondary	63	85	22	34.92%	2	1	4
25-1125	History Teachers, Postsecondary	76	102	26	34.21%	3	2	4
25-1191	Graduate Teaching Assistants	186	248	62	33.33%	6	4	10
25-1194	Vocational Education Teachers, Postsecondary	241	329	88	36.51%	9	5	14
25-1199	Postsecondary Teachers, All Other	772	1,036	264	34.20%	26	17	44
25-2000	Primary, Secondary, and Special Education School Teachers	11,227	14,529	3,302	29.41%	330	250	580
25-2011	Preschool Teachers, Except Special Education	1,114	1,444	330	29.62%	33	13	46
25-2012	Kindergarten Teachers, Except Special Education	618	825	207	33.50%	21	7	28
25-2021	Elementary School Teachers, Except Special Education	3,569	4,643	1,074	30.09%	107	79	186

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25-2022	Middle School Teachers, Except Special and Vocational Education	2,001	2,503	502	25.09%	50	44	94
25-2023	Vocational Education Teachers, Middle School	74	91	17	22.97%	2	2	3
25-2031	Secondary School Teachers, Except Special and Vocational Education	2,899	3,713	814	28.08%	81	82	163
25-2032	Vocational Education Teachers, Secondary School	179	230	51	28.49%	5	5	10
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	426	606	180	42.25%	18	10	28
25-2042	Special Education Teachers, Middle School	182	253	71	39.01%	7	4	11
25-2043	Special Education Teachers, Secondary School	165	221	56	33.94%	6	4	10
25-3000	Other Teachers and Instructors	871	1,109	238	27.32%	24	11	35
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	197	241	44	22.34%	4	2	7
25-3021	Self-Enrichment Education Teachers	460	590	130	28.26%	13	6	19
25-3099	Teachers and Instructors, All Other	214	278	64	29.91%	6	3	9
25-4000	Librarians, Curators, and Archivists	894	1,080	186	20.81%	19	26	44
25-4012	Curators	114	140	26	22.81%	3	3	5
25-4013	Museum Technicians and Conservators	56	71	15	26.79%	2	1	3
25-4021	Librarians	372	441	69	18.55%	7	9	16
25-4031	Library Technicians	344	419	75	21.80%	8	13	20
25-9000	Other Education, Training, and Library Occupations	3,619	4,657	1,038	28.68%	104	68	172
25-9031	Instructional Coordinators	394	517	123	31.22%	12	6	18
25-9041	Teacher Assistants	3,175	4,080	905	28.50%	91	61	152
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports, and Media Occupations</b>	<b>6,021</b>	<b>6,847</b>	<b>826</b>	<b>13.72%</b>	<b>86</b>	<b>112</b>	<b>198</b>
27-1000	Art and Design Workers	2,122	2,397	275	12.96%	28	32	59
27-1011	Art Directors	191	203	12	6.28%	1	4	5
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	73	82	9	12.33%	1	2	3
27-1014	Multi-Media Artists and Animators	149	160	11	7.38%	1	3	4
27-1023	Floral Designers	201	235	34	16.92%	3	3	6
27-1024	Graphic Designers	823	919	96	11.66%	10	11	21
27-1025	Interior Designers	266	295	29	10.90%	3	4	7
27-1026	Merchandise Displayers and Window Trimmers	260	312	52	20.00%	5	4	9
27-1027	Set and Exhibit Designers	98	122	24	24.49%	2	1	4
27-2000	Entertainers and Performers, Sports and Related Workers	1,265	1,564	299	23.64%	30	26	56
27-2011	Actors	81	94	13	16.05%	1	1	2
27-2012	Producers and Directors	340	368	28	8.24%	3	5	8
27-2022	Coaches and Scouts	477	599	122	25.58%	12	9	21
27-2032	Choreographers	67	91	24	35.82%	2	4	7

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27-2041	Music Directors and Composers	86	118	32	37.21%	3	2	5
27-2042	Musicians and Singers	195	270	75	38.46%	8	4	12
27-3000	Media and Communication Workers	1,918	2,106	188	9.80%	22	39	61
27-3011	Radio and Television Announcers	393	359	-34	-8.65%	0	10	10
27-3012	Public Address System and Other Announcers	84	89	5	5.95%	1	2	3
27-3022	Reporters and Correspondents	147	147	0	0.00%	0	4	4
27-3031	Public Relations Specialists	370	444	74	20.00%	7	5	13
27-3041	Editors	317	348	31	9.78%	3	8	11
27-3042	Technical Writers	104	113	9	8.65%	1	3	4
27-3043	Writers and Authors	218	249	31	14.22%	3	4	7
27-3091	Interpreters and Translators	136	170	34	25.00%	3	2	5
27-3099	Media and Communication Workers, All Other	148	186	38	25.68%	4	2	6
27-4000	Media and Communication Equipment Workers	716	780	64	8.94%	6	16	22
27-4011	Audio and Video Equipment Technicians	119	138	19	15.97%	2	3	5
27-4012	Broadcast Technicians	102	111	9	8.82%	1	3	3
27-4021	Photographers	397	410	13	3.27%	1	8	9
<b>29-0000</b>	<b>Healthcare Practitioners and Technical Occupations</b>	<b>18,499</b>	<b>24,743</b>	<b>6,244</b>	<b>33.75%</b>	<b>624</b>	<b>356</b>	<b>980</b>
29-1000	Health Diagnosing and Treating Practitioners	10,063	13,480	3,417	33.96%	342	203	545
29-1011	Chiropractors	140	156	16	11.43%	2	3	4
29-1021	Dentists, General	498	559	61	12.25%	6	8	15
29-1031	Dietitians and Nutritionists	196	250	54	27.55%	5	5	11
29-1041	Optometrists	83	90	7	8.43%	1	2	3
29-1051	Pharmacists	681	924	243	35.68%	24	13	38
29-1061	Anesthesiologists	68	82	14	20.59%	1	1	2
29-1062	Family and General Practitioners	182	229	47	25.82%	5	2	7
29-1063	Internists, General	199	235	36	18.09%	4	3	6
29-1064	Obstetricians and Gynecologists	96	113	17	17.71%	2	1	3
29-1065	Pediatricians, General	146	174	28	19.18%	3	2	5
29-1067	Surgeons	71	87	16	22.54%	2	1	3
29-1069	Physicians and Surgeons, All Other	461	550	89	19.31%	9	6	15
29-1071	Physician Assistants	105	155	50	47.62%	5	2	7
29-1111	Registered Nurses	4,425	6,300	1,875	42.37%	188	93	280
29-1121	Audiologists	118	133	15	12.71%	2	3	4
29-1122	Occupational Therapists	137	189	52	37.96%	5	2	7
29-1123	Physical Therapists	466	640	174	37.34%	17	5	22
29-1126	Respiratory Therapists	647	930	283	43.74%	28	21	50
29-1127	Speech-Language Pathologists	204	255	51	25.00%	5	5	10
29-1131	Veterinarians	223	252	29	13.00%	3	5	8
29-1199	Health Diagnosing and Treating Practitioners, All Other	745	962	217	29.13%	22	16	38

Standard Occupation Classification (SOC) <sup>2</sup>		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total <sup>3</sup>
29-2000	Health Technologists and Technicians	7,959	10,639	2,680	33.67%	268	144	412
29-2011	Medical and Clinical Laboratory Technologists	367	504	137	37.33%	14	10	24
29-2012	Medical and Clinical Laboratory Technicians	957	1,262	305	31.87%	31	26	56
29-2021	Dental Hygienists	651	914	263	40.40%	26	6	32
29-2031	Cardiovascular Technologists and Technicians	185	265	80	43.24%	8	4	12
29-2032	Diagnostic Medical Sonographers	132	192	60	45.45%	6	3	9
29-2033	Nuclear Medicine Technologists	63	85	22	34.92%	2	1	3
29-2034	Radiologic Technologists and Technicians	806	1,108	302	37.47%	30	15	45
29-2041	Emergency Medical Technicians and Paramedics	228	295	67	29.39%	7	3	9
29-2051	Dietetic Technicians	155	202	47	30.32%	5	2	7
29-2052	Pharmacy Technicians	843	1,174	331	39.26%	33	11	44
29-2053	Psychiatric Technicians	327	452	125	38.23%	13	4	17
29-2055	Surgical Technologists	183	258	75	40.98%	8	2	10
29-2056	Veterinary Technologists and Technicians	215	282	67	31.16%	7	3	10
29-2061	Licensed Practical and Licensed Vocational Nurses	1,856	2,339	483	26.02%	48	41	89
29-2071	Medical Records and Health Information Technicians	791	1,080	289	36.54%	29	11	40
29-2081	Opticians, Dispensing	155	171	16	10.32%	2	3	4
29-9000	Other Healthcare Practitioners and Technical Occupations	477	624	147	30.82%	15	9	24
29-9011	Occupational Health and Safety Specialists	114	139	25	21.93%	3	3	5
29-9099	Healthcare Practitioners and Technical Workers, All Other	299	396	97	32.44%	10	5	15
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>11,327</b>	<b>15,342</b>	<b>4,015</b>	<b>35.45%</b>	<b>402</b>	<b>181</b>	<b>582</b>
31-1000	Nursing, Psychiatric, and Home Health Aides	6,516	8,856	2,340	35.91%	234	85	319
31-1011	Home Health Aides	1,754	2,547	793	45.21%	79	23	102
31-1012	Nursing Aides, Orderlies, and Attendants	4,515	5,974	1,459	32.31%	146	59	205
31-1013	Psychiatric Aides	247	335	88	35.63%	9	3	12
31-2000	Occupational and Physical Therapist Assistants and Aides	361	503	142	39.34%	14	6	20
31-2011	Occupational Therapist Assistants	72	105	33	45.83%	3	1	4
31-2021	Physical Therapist Assistants	134	190	56	41.79%	6	2	8
31-2022	Physical Therapist Aides	151	203	52	34.44%	5	3	8
31-9000	Other Healthcare Support Occupations	4,450	5,983	1,533	34.45%	153	90	243
31-9011	Massage Therapists	597	687	90	15.08%	9	12	21
31-9091	Dental Assistants	709	989	280	39.49%	28	20	48
31-9092	Medical Assistants	1,711	2,504	793	46.35%	79	32	111
31-9093	Medical Equipment Preparers	68	92	24	35.29%	2	1	4
31-9094	Medical Transcriptionists	356	480	124	34.83%	12	7	19
31-9095	Pharmacy Aides	134	155	21	15.67%	2	3	5
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	405	466	61	15.06%	6	8	14
31-9099	Healthcare Support Workers, All Other	470	610	140	29.79%	14	9	23

Standard Occupation Classification (SOC) <sup>2</sup>		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total <sup>3</sup>
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>9,314</b>	<b>10,992</b>	<b>1,678</b>	<b>18.02%</b>	<b>168</b>	<b>244</b>	<b>412</b>
33-1000	First-Line Supervisors/Managers, Protective Service Workers	657	773	116	17.66%	12	21	32
33-1011	First-Line Supervisors/Managers of Correctional Officers	188	220	32	17.02%	3	6	9
33-1012	First-Line Supervisors/Managers of Police and Detectives	308	370	62	20.13%	6	10	16
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	66	81	15	22.73%	2	3	4
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	95	102	7	7.37%	1	2	3
33-2000	Fire Fighting and Prevention Workers	732	913	181	24.73%	18	21	40
33-2011	Fire Fighters	682	865	183	26.83%	18	20	38
33-2021	Fire Inspectors and Investigators	50	48	-2	-4.00%	0	1	1
33-3000	Law Enforcement Workers	4,329	5,182	853	19.70%	85	105	190
33-3011	Bailiffs	109	127	18	16.51%	2	2	4
33-3012	Correctional Officers and Jailers	1,425	1,611	186	13.05%	19	30	48
33-3021	Detectives and Criminal Investigators	840	1,120	280	33.33%	28	23	51
33-3051	Police and Sheriff's Patrol Officers	1,882	2,235	353	18.76%	35	49	84
33-9000	Other Protective Service Workers	3,596	4,124	528	14.68%	53	98	150
33-9021	Private Detectives and Investigators	92	105	13	14.13%	1	2	3
33-9031	Gaming Surveillance Officers and Gaming Investigators	132	153	21	15.91%	2	3	5
33-9032	Security Guards	2,841	3,229	388	13.66%	39	62	101
33-9091	Crossing Guards	158	201	43	27.22%	4	5	9
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	179	203	24	13.41%	2	12	15
33-9099	Protective Service Workers, All Other	145	176	31	21.38%	3	10	13
<b>35-0000</b>	<b>Food Preparation and Serving Related Occupations</b>	<b>31,993</b>	<b>40,135</b>	<b>8,142</b>	<b>25.45%</b>	<b>814</b>	<b>1,262</b>	<b>2,076</b>
35-1000	Supervisors, Food Preparation and Serving Workers	2,578	3,246	668	25.91%	67	64	131
35-1011	Chefs and Head Cooks	412	507	95	23.06%	10	12	22
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	2,166	2,739	573	26.45%	57	52	109
35-2000	Cooks and Food Preparation Workers	8,661	10,948	2,287	26.41%	229	278	506
35-2011	Cooks, Fast Food	2,020	2,585	565	27.97%	57	63	119
35-2012	Cooks, Institution and Cafeteria	780	910	130	16.67%	13	24	37
35-2014	Cooks, Restaurant	2,893	3,645	752	25.99%	75	90	165
35-2015	Cooks, Short Order	816	1,017	201	24.63%	20	25	45
35-2021	Food Preparation Workers	2,152	2,791	639	29.69%	64	76	140
35-3000	Food and Beverage Serving Workers	16,027	20,070	4,043	25.23%	404	765	1,169
35-3011	Bartenders	1,268	1,570	302	23.82%	30	50	80

Standard Occupation Classification (SOC) <sup>2</sup>		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total <sup>3</sup>
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	6,122	7,790	1,668	27.25%	167	265	432
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	1,503	1,894	391	26.01%	39	98	137
35-3031	Waiters and Waitresses	6,236	7,781	1,545	24.78%	155	321	475
35-3041	Food Servers, Nonrestaurant	898	1,035	137	15.26%	14	30	44
35-9000	Other Food Preparation and Serving Related Workers	4,727	5,871	1,144	24.20%	114	156	271
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	1,599	1,985	386	24.14%	39	54	92
35-9021	Dishwashers	1,661	2,063	402	24.20%	40	56	96
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1,464	1,820	356	24.32%	36	47	82
<b>37-0000</b>	<b>Building and Grounds Cleaning and Maintenance Occupations</b>	<b>14,132</b>	<b>17,903</b>	<b>3,771</b>	<b>26.68%</b>	<b>377</b>	<b>283</b>	<b>660</b>
37-1000	Supervisors, Building and Grounds Cleaning and Maintenance Workers	1,336	1,681	345	25.82%	35	23	58
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	745	948	203	27.25%	20	18	38
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	591	733	142	24.03%	14	6	20
37-2000	Building Cleaning and Pest Control Workers	8,668	10,916	2,248	25.93%	225	170	395
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	4,501	5,692	1,191	26.46%	119	85	205
37-2012	Maids and Housekeeping Cleaners	3,664	4,594	930	25.38%	93	77	170
37-2021	Pest Control Workers	503	630	127	25.25%	13	8	20
37-3000	Grounds Maintenance Workers	4,128	5,306	1,178	28.54%	118	90	208
37-3011	Landscaping and Groundskeeping Workers	4,022	5,180	1,158	28.79%	116	88	203
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	99	117	18	18.18%	2	2	4
<b>39-0000</b>	<b>Personal Care and Service Occupations</b>	<b>12,661</b>	<b>15,698</b>	<b>3,037</b>	<b>23.99%</b>	<b>305</b>	<b>294</b>	<b>598</b>
39-1000	Supervisors, Personal Care and Service Workers	1,280	1,503	223	17.42%	22	30	52
39-1011	Gaming Supervisors	298	372	74	24.83%	7	6	14
39-1012	Slot Key Persons	259	310	51	19.69%	5	5	11
39-1021	First-Line Supervisors/Managers of Personal Service Workers	723	821	98	13.55%	10	18	28
39-2000	Animal Care and Service Workers	465	553	88	18.92%	9	11	20
39-2021	Nonfarm Animal Caretakers	423	499	76	17.97%	8	11	18
39-3000	Entertainment Attendants and Related Workers	1,224	1,582	358	29.25%	37	41	78
39-3011	Gaming Dealers	146	203	57	39.04%	6	5	10
39-3012	Gaming and Sports Book Writers and Runners	172	236	64	37.21%	6	5	12

Standard Occupation Classification (SOC) <sup>2</sup>		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total <sup>3</sup>
39-3019	Gaming Service Workers, All Other	71	98	27	38.03%	3	2	5
39-3031	Ushers, Lobby Attendants, and Ticket Takers	146	140	-6	-4.11%	0	8	8
39-3091	Amusement and Recreation Attendants	485	660	175	36.08%	18	14	32
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	55	71	16	29.09%	2	2	3
39-3099	Entertainment Attendants and Related Workers, All Other	98	117	19	19.39%	2	3	5
39-4000	Funeral Service Workers	82	94	12	14.63%	1	2	3
39-4021	Funeral Attendants	76	88	12	15.79%	1	2	3
39-5000	Personal Appearance Workers	2,150	2,336	186	8.65%	19	42	60
39-5012	Hairdressers, Hairstylists, and Cosmetologists	1,610	1,723	113	7.02%	11	31	42
39-5092	Manicurists and Pedicurists	300	333	33	11.00%	3	6	9
39-5094	Skin Care Specialists	207	247	40	19.32%	4	4	8
39-6000	Transportation, Tourism, and Lodging Attendants	336	420	84	25.00%	8	9	17
39-6011	Baggage Porters and Bellhops	146	181	35	23.97%	4	4	7
39-6012	Concierges	64	77	13	20.31%	1	2	3
39-6022	Travel Guides	72	95	23	31.94%	2	2	4
39-9000	Other Personal Care and Service Workers	7,124	9,210	2,086	29.28%	209	159	368
39-9011	Child Care Workers	2,670	3,340	670	25.09%	67	73	140
39-9021	Personal and Home Care Aides	2,189	2,976	787	35.95%	79	35	114
39-9031	Fitness Trainers and Aerobics Instructors	1,104	1,513	409	37.05%	41	25	66
39-9032	Recreation Workers	950	1,124	174	18.32%	17	22	39
39-9041	Residential Advisors	80	97	17	21.25%	2	2	3
39-9099	Personal Care and Service Workers, All Other	131	160	29	22.14%	3	3	6
<b>41-0000</b>	<b>Sales and Related Occupations</b>	<b>36,336</b>	<b>41,289</b>	<b>4,953</b>	<b>13.63%</b>	<b>501</b>	<b>1,206</b>	<b>1,708</b>
41-1000	Supervisors, Sales Workers	5,149	5,597	448	8.70%	45	93	138
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	4,319	4,685	366	8.47%	37	78	114
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	830	912	82	9.88%	8	16	24
41-2000	Retail Sales Workers	21,368	24,474	3,106	14.54%	314	902	1,215
41-2011	Cashiers	10,418	11,431	1,013	9.72%	101	507	608
41-2012	Gaming Change Persons and Booth Cashiers	116	137	21	18.10%	2	6	8
41-2021	Counter and Rental Clerks	923	1,188	265	28.71%	27	35	62
41-2022	Parts Salespersons	852	820	-32	-3.76%	0	24	24
41-2031	Retail Salespersons	9,059	10,898	1,839	20.30%	184	329	513
41-3000	Sales Representatives, Services	2,883	3,312	429	14.88%	43	60	103
41-3011	Advertising Sales Agents	493	551	58	11.76%	6	10	15
41-3021	Insurance Sales Agents	1,448	1,633	185	12.78%	19	35	53
41-3031	Securities, Commodities, and Financial Services Sales Agents	414	510	96	23.19%	10	5	14
41-3041	Travel Agents	282	317	35	12.41%	4	6	10
41-3099	Sales Representatives, Services, All Other	246	301	55	22.36%	6	5	10

Standard Occupation Classification (SOC) <sup>2</sup>		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total <sup>3</sup>
41-4000	Sales Representatives, Wholesale and Manufacturing	3,040	3,672	632	20.79%	63	80	143
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	773	900	127	16.43%	13	20	33
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	2,267	2,772	505	22.28%	51	60	110
41-9000	Other Sales and Related Workers	3,896	4,234	338	8.68%	37	72	108
41-9011	Demonstrators and Product Promoters	84	100	16	19.05%	2	2	4
41-9021	Real Estate Brokers	454	515	61	13.44%	6	9	15
41-9022	Real Estate Sales Agents	1,012	1,218	206	20.36%	21	20	41
41-9031	Sales Engineers	65	80	15	23.08%	2	2	3
41-9041	Telemarketers	1,893	1,866	-27	-1.43%	0	31	31
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	91	91	0	0.00%	0	2	2
41-9099	Sales and Related Workers, All Other	294	360	66	22.45%	7	6	12
<b>43-0000</b>	<b>Office and Administrative Support Occupations</b>	<b>65,334</b>	<b>75,147</b>	<b>9,813</b>	<b>15.02%</b>	<b>1,068</b>	<b>1,454</b>	<b>2,522</b>
43-1000	Supervisors, Office and Administrative Support Workers	3,545	4,006	461	13.00%	46	76	122
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	3,545	4,006	461	13.00%	46	76	122
43-2000	Communications Equipment Operators	763	757	-6	-0.79%	0	20	20
43-2011	Switchboard Operators, Including Answering Service	684	687	3	0.44%	0	18	18
43-2021	Telephone Operators	69	61	-8	-11.59%	0	2	2
43-3000	Financial Clerks	9,508	11,186	1,678	17.65%	168	225	393
43-3011	Bill and Account Collectors	1,377	1,857	480	34.86%	48	26	74
43-3021	Billing and Posting Clerks and Machine Operators	1,152	1,231	79	6.86%	8	20	27
43-3031	Bookkeeping, Accounting, and Auditing Clerks	4,792	5,349	557	11.62%	56	90	146
43-3051	Payroll and Timekeeping Clerks	620	792	172	27.74%	17	16	34
43-3061	Procurement Clerks	167	177	10	5.99%	1	4	5
43-3071	Tellers	1,351	1,721	370	27.39%	37	67	104
43-4000	Information and Record Clerks	20,446	24,691	4,245	20.76%	479	401	880
43-4011	Brokerage Clerks	108	129	21	19.44%	2	1	4
43-4031	Court, Municipal, and License Clerks	214	269	55	25.70%	6	5	10
43-4041	Credit Authorizers, Checkers, and Clerks	816	613	-203	-24.88%	0	16	16
43-4051	Customer Service Representatives	10,255	13,522	3,267	31.86%	327	153	479
43-4061	Eligibility Interviewers, Government Programs	294	290	-4	-1.36%	0	8	8
43-4071	File Clerks	785	497	-288	-36.69%	0	23	23
43-4081	Hotel, Motel, and Resort Desk Clerks	626	755	129	20.61%	13	28	41
43-4111	Interviewers, Except Eligibility and Loan	560	758	198	35.36%	20	15	34
43-4121	Library Assistants, Clerical	86	105	19	22.09%	2	4	5
43-4131	Loan Interviewers and Clerks	706	775	69	9.77%	7	10	17

Standard Occupation Classification (SOC) <sup>2</sup>		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total <sup>3</sup>
43-4141	New Accounts Clerks	88	108	20	22.73%	2	2	4
43-4151	Order Clerks	367	318	-49	-13.35%	0	8	8
43-4161	Human Resources Assistants, Except Payroll and	398	499	101	25.38%	10	9	19
43-4171	Receptionists and Information Clerks	3,770	4,594	824	21.86%	82	93	175
43-4181	Reservation and Transportation Ticket Agents and Travel	580	666	86	14.83%	9	15	24
43-4199	Information and Record Clerks, All Other	782	782	0	0.00%	0	12	12
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	10,459	11,613	1,154	11.03%	120	306	426
43-5011	Cargo and Freight Agents	105	107	2	1.90%	0	2	3
43-5021	Couriers and Messengers	161	167	6	3.73%	1	4	4
43-5031	Police, Fire, and Ambulance Dispatchers	168	199	31	18.45%	3	4	7
43-5032	Dispatchers, Except Police, Fire, and Ambulance	642	731	89	13.86%	9	14	23
43-5041	Meter Readers, Utilities	128	78	-50	-39.06%	0	4	4
43-5051	Postal Service Clerks	167	199	32	19.16%	3	4	8
43-5052	Postal Service Mail Carriers	891	1,064	173	19.42%	17	28	45
43-5053	Postal Service Mail Sorters, Processors, and Processing	419	501	82	19.57%	8	11	19
43-5061	Production, Planning, and Expediting Clerks	712	831	119	16.71%	12	17	29
43-5071	Shipping, Receiving, and Traffic Clerks	2,574	3,130	556	21.60%	56	53	108
43-5081	Stock Clerks and Order Fillers	4,360	4,473	113	2.59%	11	161	173
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	132	133	1	0.76%	0	3	3
43-6000	Secretaries and Administrative Assistants	10,152	11,428	1,276	12.57%	128	194	322
43-6011	Executive Secretaries and Administrative Assistants	5,312	6,146	834	15.70%	83	102	185
43-6012	Legal Secretaries	563	706	143	25.40%	14	11	25
43-6013	Medical Secretaries	1,003	1,171	168	16.75%	17	19	36
43-6014	Secretaries, Except Legal, Medical, and Executive	3,274	3,405	131	4.00%	13	63	76
43-9000	Other Office and Administrative Support Workers	10,461	11,466	1,005	9.61%	127	233	360
43-9011	Computer Operators	424	324	-100	-23.58%	0	9	9
43-9021	Data Entry Keyers	515	493	-22	-4.27%	0	12	12
43-9022	Word Processors and Typists	264	231	-33	-12.50%	0	6	6
43-9031	Desktop Publishers	100	120	20	20.00%	2	2	4
43-9041	Insurance Claims and Policy Processing Clerks	213	244	31	14.55%	3	3	7
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	271	170	-101	-37.27%	0	8	8
43-9061	Office Clerks, General	8,154	9,329	1,175	14.41%	118	181	298
43-9071	Office Machine Operators, Except Computer	76	71	-5	-6.58%	0	2	2
43-9081	Proofreaders and Copy Markers	148	161	13	8.78%	1	3	4
43-9199	Office and Administrative Support Workers, All Other	257	285	28	10.89%	3	6	9
<b>45-0000</b>	<b>Farming, Fishing, and Forestry Occupations</b>	<b>377</b>	<b>451</b>	<b>74</b>	<b>19.63%</b>	<b>7</b>	<b>10</b>	<b>18</b>

Standard Occupation Classification (SOC) <sup>2</sup>		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total <sup>3</sup>
45-2000	Agricultural Workers	342	408	66	19.30%	7	10	16
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse							
		243	289	46	18.93%	5	7	12
45-2093	Farmworkers, Farm and Ranch Animals	68	81	13	19.12%	1	2	3
<b>47-0000</b>	<b>Construction and Extraction Occupations</b>	<b>27,459</b>	<b>35,740</b>	<b>8,281</b>	<b>30.16%</b>	<b>828</b>	<b>541</b>	<b>1,369</b>
47-1000	Supervisors, Construction and Extraction Workers	1,479	1,916	437	29.55%	44	25	69
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	1,479	1,916	437	29.55%	44	25	69
47-2000	Construction Trades Workers	23,588	30,706	7,118	30.18%	712	435	1,147
47-2021	Brickmasons and Blockmasons	676	864	188	27.81%	19	10	29
47-2022	Stonemasons	424	560	136	32.08%	14	6	20
47-2031	Carpenters	5,138	6,809	1,671	32.52%	167	84	251
47-2041	Carpet Installers	512	552	40	7.81%	4	8	12
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	273	315	42	15.38%	4	4	9
47-2044	Tile and Marble Setters	611	880	269	44.03%	27	10	36
47-2051	Cement Masons and Concrete Finishers	1,481	2,004	523	35.31%	52	30	82
47-2061	Construction Laborers	2,743	3,292	549	20.01%	55	37	91
47-2071	Paving, Surfacing, and Tamping Equipment Operators	139	185	46	33.09%	5	2	7
47-2073	Operating Engineers and Other Construction Equipment Operators	1,465	1,923	458	31.26%	46	38	84
47-2081	Drywall and Ceiling Tile Installers	1,724	2,270	546	31.67%	55	37	92
47-2082	Tapers	892	1,144	252	28.25%	25	19	45
47-2111	Electricians	1,719	2,232	513	29.84%	51	34	85
47-2121	Glaziers	362	477	115	31.77%	12	8	19
47-2141	Painters, Construction and Maintenance	1,782	2,384	602	33.78%	60	27	87
47-2151	Pipelayers	116	152	36	31.03%	4	3	6
47-2152	Plumbers, Pipefitters, and Steamfitters	1,495	1,991	496	33.18%	50	34	84
47-2161	Plasterers and Stucco Masons	500	651	151	30.20%	15	9	24
47-2171	Reinforcing Iron and Rebar Workers	268	362	94	35.07%	9	5	15
47-2181	Roofers	603	814	211	34.99%	21	14	35
47-2211	Sheet Metal Workers	523	661	138	26.39%	14	13	26
47-2221	Structural Iron and Steel Workers	86	114	28	32.56%	3	2	5
47-3000	Helpers, Construction Trades	1,447	1,897	450	31.10%	45	60	105
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile	317	422	105	33.12%	11	13	24
47-3012	Helpers--Carpenters	302	408	106	35.10%	11	13	23
47-3013	Helpers--Electricians	192	242	50	26.04%	5	8	13
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	54	72	18	33.33%	2	2	4

Standard Occupation Classification (SOC) <sup>2</sup>		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total <sup>3</sup>
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	349	470	121	34.67%	12	15	27
47-3016	Helpers--Roofers	121	163	42	34.71%	4	5	9
47-3019	Helpers, Construction Trades, All Other	112	120	8	7.14%	1	5	5
47-4000	Other Construction and Related Workers	849	1,087	238	28.03%	24	18	42
47-4011	Construction and Building Inspectors	442	569	127	28.73%	13	10	23
47-4041	Hazardous Materials Removal Workers	87	116	29	33.33%	3	2	5
47-4051	Highway Maintenance Workers	164	208	44	26.83%	4	2	7
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	86	111	25	29.07%	3	2	5
47-4099	Construction and Related Workers, All Other	55	62	7	12.73%	1	1	2
47-5000	Extraction Workers	96	134	38	39.58%	4	3	6
<b>49-0000</b>	<b>Installation, Maintenance, and Repair Occupations</b>	<b>15,159</b>	<b>18,101</b>	<b>2,942</b>	<b>19.41%</b>	<b>294</b>	<b>346</b>	<b>640</b>
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	1,139	1,369	230	20.19%	23	29	52
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	1,139	1,369	230	20.19%	23	29	52
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers	1,875	2,035	160	8.53%	16	35	51
49-2011	Computer, Automated Teller, and Office Machine Repairers	517	548	31	6.00%	3	6	9
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	618	640	22	3.56%	2	13	15
49-2091	Avionics Technicians	109	122	13	11.93%	1	3	4
49-2094	Electrical and Electronics Repairers, Commercial and	205	241	36	17.56%	4	5	8
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	189	192	3	1.59%	0	4	4
49-2098	Security and Fire Alarm Systems Installers	145	187	42	28.97%	4	3	7
49-3000	Vehicle and Mobile Equipment Mechanics, Installers	4,957	5,709	752	15.17%	75	130	205
49-3011	Aircraft Mechanics and Service Technicians	703	812	109	15.50%	11	17	28
49-3021	Automotive Body and Related Repairers	629	654	25	3.97%	3	13	15
49-3023	Automotive Service Technicians and Mechanics	2,053	2,374	321	15.64%	32	55	87
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	315	387	72	22.86%	7	8	15
49-3041	Farm Equipment Mechanics	85	100	15	17.65%	2	2	3
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	435	558	123	28.28%	12	9	22
49-3043	Rail Car Repairers	93	105	12	12.90%	1	2	3
49-3052	Motorcycle Mechanics	74	82	8	10.81%	1	2	3
49-3091	Bicycle Repairers	62	70	8	12.90%	1	3	3
49-3092	Recreational Vehicle Service Technicians	102	118	16	15.69%	2	4	6
49-3093	Tire Repairers and Changers	350	384	34	9.71%	3	15	18
49-9000	Other Installation, Maintenance, and Repair Occupations	7,188	8,988	1,800	25.04%	180	153	333

Standard Occupation Classification (SOC) <sup>2</sup>		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total <sup>3</sup>
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	110	138	28	25.45%	3	3	6
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	942	1,289	347	36.84%	35	13	47
49-9031	Home Appliance Repairers	81	95	14	17.28%	1	2	3
49-9041	Industrial Machinery Mechanics	301	354	53	17.61%	5	6	11
49-9042	Maintenance and Repair Workers, General	3,729	4,695	966	25.91%	97	72	168
49-9043	Maintenance Workers, Machinery	98	117	19	19.39%	2	2	4
49-9051	Electrical Power-Line Installers and Repairers	112	137	25	22.32%	3	4	6
49-9052	Telecommunications Line Installers and Repairers	154	191	37	24.03%	4	4	8
49-9062	Medical Equipment Repairers	94	124	30	31.91%	3	3	6
49-9063	Musical Instrument Repairers and Tuners	81	84	3	3.70%	0	2	3
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	102	108	6	5.88%	1	3	3
49-9094	Locksmiths and Safe Repairers	159	192	33	20.75%	3	5	9
49-9098	Helpers--Installation, Maintenance, and Repair Workers	600	729	129	21.50%	13	20	33
49-9099	Installation, Maintenance, and Repair Workers, All Other	526	624	98	18.63%	10	12	22
<b>51-0000</b>	<b>Production Occupations</b>	<b>15,273</b>	<b>17,010</b>	<b>1,737</b>	<b>11.37%</b>	<b>185</b>	<b>370</b>	<b>556</b>
51-1000	Supervisors, Production Workers	1,020	1,170	150	14.71%	15	21	36
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1,020	1,170	150	14.71%	15	21	36
51-2000	Assemblers and Fabricators	3,953	4,464	511	12.93%	51	101	152
51-2022	Electrical and Electronic Equipment Assemblers	582	648	66	11.34%	7	14	20
51-2041	Structural Metal Fabricators and Fitters	181	206	25	13.81%	3	4	7
51-2092	Team Assemblers	2,839	3,212	373	13.14%	37	73	111
51-2099	Assemblers and Fabricators, All Other	273	315	42	15.38%	4	7	11
51-3000	Food Processing Workers	1,225	1,491	266	21.71%	27	28	55
51-3011	Bakers	456	579	123	26.97%	12	11	23
51-3021	Butchers and Meat Cutters	327	381	54	16.51%	5	7	13
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	94	120	26	27.66%	3	2	5
51-3092	Food Batchmakers	290	344	54	18.62%	5	7	13
51-3093	Food Cooking Machine Operators and Tenders	58	67	9	15.52%	1	1	2
51-4000	Metal Workers and Plastic Workers	2,703	2,939	236	8.73%	27	65	92
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	187	209	22	11.76%	2	3	5
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	266	245	-21	-7.89%	0	6	6
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool	102	107	5	4.90%	1	2	3
51-4034	Lathe and Turning Machine Tool Setters, Operators, and	143	136	-7	-4.90%	0	3	3

Standard Occupation Classification (SOC) <sup>2</sup>		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total <sup>3</sup>
51-4035	Milling and Planing Machine Setters, Operators, and Tenders,	88	91	3	3.41%	0	2	2
51-4041	Machinists	613	690	77	12.56%	8	14	22
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	84	88	4	4.76%	0	2	3
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	143	159	16	11.19%	2	4	6
51-4111	Tool and Die Makers	76	81	5	6.58%	1	2	2
51-4121	Welders, Cutters, Solderers, and Brazers	617	717	100	16.21%	10	17	27
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators,	66	72	6	9.09%	1	2	3
51-4191	Heat Treating Equipment Setters, Operators, and Tenders,	67	76	9	13.43%	1	2	3
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	78	79	1	1.28%	0	2	2
51-5000	Printing Workers	573	629	56	9.77%	6	14	20
51-5011	Bindery Workers	163	156	-7	-4.29%	0	4	4
51-5021	Job Printers	131	156	25	19.08%	3	3	6
51-5022	Prepress Technicians and Workers	119	126	7	5.88%	1	3	4
51-5023	Printing Machine Operators	160	191	31	19.38%	3	4	7
51-6000	Textile, Apparel, and Furnishings Workers	1,360	1,548	188	13.82%	20	31	51
51-6011	Laundry and Dry-Cleaning Workers	695	839	144	20.72%	14	19	33
51-6021	Pressers, Textile, Garment, and Related Materials	249	277	28	11.24%	3	4	7
51-6031	Sewing Machine Operators	98	106	8	8.16%	1	1	2
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	69	75	6	8.70%	1	1	2
51-6099	Textile, Apparel, and Furnishings Workers, All Other	177	174	-3	-1.69%	0	4	4
51-7000	Woodworkers	694	669	-25	-3.60%	2	18	20
51-7011	Cabinetmakers and Bench Carpenters	196	213	17	8.67%	2	5	7
51-7021	Furniture Finishers	96	94	-2	-2.08%	0	2	2
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	88	85	-3	-3.41%	0	3	3
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	195	182	-13	-6.67%	0	5	5
51-7099	Woodworkers, All Other	119	95	-24	-20.17%	0	3	3
51-8000	Plant and System Operators	422	484	62	14.69%	6	12	19
51-8013	Power Plant Operators	90	104	14	15.56%	1	2	4
51-8021	Stationary Engineers and Boiler Operators	66	70	4	6.06%	0	1	2
51-8031	Water and Liquid Waste Treatment Plant and System Operators	162	192	30	18.52%	3	6	9
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	52	61	9	17.31%	1	2	3
51-9000	Other Production Occupations	3,323	3,616	293	8.82%	32	79	112

Standard Occupation Classification (SOC) <sup>2</sup>		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total <sup>3</sup>
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	81	102	21	25.93%	2	2	4
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	76	85	9	11.84%	1	2	3
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	65	71	6	9.23%	1	1	2
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	105	123	18	17.14%	2	3	5
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	54	60	6	11.11%	1	1	2
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	835	866	31	3.71%	3	19	22
51-9081	Dental Laboratory Technicians	217	236	19	8.76%	2	5	7
51-9082	Medical Appliance Technicians	75	82	7	9.33%	1	2	2
51-9083	Ophthalmic Laboratory Technicians	122	129	7	5.74%	1	3	3
51-9111	Packaging and Filling Machine Operators and Tenders	219	254	35	15.98%	4	4	8
51-9121	Coating, Painting, and Spraying Machine Setters, Operators,	70	79	9	12.86%	1	2	3
51-9122	Painters, Transportation Equipment	50	61	11	22.00%	1	1	2
51-9123	Painting, Coating, and Decorating Workers	83	95	12	14.46%	1	2	3
51-9131	Photographic Process Workers	58	51	-7	-12.07%	0	1	1
51-9132	Photographic Processing Machine Operators	72	50	-22	-30.56%	0	2	2
51-9141	Semiconductor Processors	189	203	14	7.41%	1	4	6
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	107	115	8	7.48%	1	3	3
51-9198	Helpers--Production Workers	490	577	87	17.76%	9	14	22
51-9199	Production Workers, All Other	220	231	11	5.00%	1	5	6
<b>53-0000</b>	<b>Transportation and Material Moving Occupations</b>	<b>18,338</b>	<b>21,724</b>	<b>3,386</b>	<b>18.46%</b>	<b>344</b>	<b>408</b>	<b>751</b>
53-1000	Supervisors, Transportation and Material Moving Workers	633	751	118	18.64%	12	15	27
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	280	321	41	14.64%	4	7	11
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	351	428	77	21.94%	8	8	16
53-2000	Air Transportation Workers	311	381	70	22.51%	7	8	15
53-2012	Commercial Pilots	222	274	52	23.42%	5	6	11
53-3000	Motor Vehicle Operators	8,547	10,507	1,960	22.93%	196	124	320
53-3021	Bus Drivers, Transit and Intercity	566	680	114	20.14%	11	12	24
53-3022	Bus Drivers, School	837	1,058	221	26.40%	22	18	40
53-3031	Driver/Sales Workers	1,551	1,936	385	24.82%	39	25	64
53-3032	Truck Drivers, Heavy and Tractor-Trailer	2,307	2,795	488	21.15%	49	38	87
53-3033	Truck Drivers, Light or Delivery Services	2,341	2,914	573	24.48%	57	22	79
53-3041	Taxi Drivers and Chauffeurs	888	1,055	167	18.81%	17	8	25
53-6000	Other Transportation Workers	529	530	1	0.19%	4	19	23

Standard Occupation Classification (SOC) <sup>2</sup>		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2004 Estimated	2014 Projected	Number	Percent	Due to Growth	Due to Separations	Total <sup>3</sup>
53-6021	Parking Lot Attendants	267	230	-37	-13.86%	0	8	8
53-6031	Service Station Attendants	231	264	33	14.29%	3	10	14
53-7000	Material Moving Workers	8,318	9,555	1,237	14.87%	125	241	366
53-7032	Excavating and Loading Machine and Dragline Operators	144	188	44	30.56%	4	4	8
53-7051	Industrial Truck and Tractor Operators	513	594	81	15.79%	8	10	18
53-7061	Cleaners of Vehicles and Equipment	1,174	1,232	58	4.94%	6	41	47
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	4,453	5,161	708	15.90%	71	146	216
53-7063	Machine Feeders and Offbearers	114	105	-9	-7.89%	0	3	3
53-7064	Packers and Packagers, Hand	1,607	1,930	323	20.10%	32	30	62
53-7081	Refuse and Recyclable Material Collectors	185	204	19	10.27%	2	5	7

<sup>1</sup> Tucson MSA (Metropolitan Statistical Area) = all of Pima county

<sup>2</sup> For more information on the Standard Occupational Classification (SOC) system, go to: [www.bls.gov/soc/socguide.htm](http://www.bls.gov/soc/socguide.htm)  
For Occupational Dictionary, see: [http://www.bls.gov/oes/current/oes\\_stru.htm](http://www.bls.gov/oes/current/oes_stru.htm)

<sup>3</sup> Total average annual openings are the sum of openings from growth plus openings from separations. Separations are vacancies caused by workers leaving the labor market or changing occupations. Thus an occupation that is not growing or is in decline could still have openings due to separations.

Some occupation data suppressed due to confidentiality or base employment less than 50.

Prepared by Arizona Dept of Economic Security, Research Administration in cooperation with the U.S. Dept of Labor, Bureau of Labor Statistics, September 2007.

Headings in bold font are the major occupational groups of the Standard Occupational Classification (SOC) system.  
Major occupational groups of the SOC are a composite of all individual occupations listed below the major group heading.

Occupation codes ending in 000 (e.g. 11-1000, 11-2000, 11-3000, etc) are a summation of all the occupations listed below them.

The projections presented should be viewed as indicators of relative magnitude and probable direction rather than as forecasts of absolute occupational demand.  
Furthermore, the occupational forecasts are only measures of expected employment and demand for labor and indicate little about future labor supply.  
It is therefore recommended that these data be used with other sources of occupational information.

[See Notes worksheet for additional information on methodology.](#)

For more information on occupational projections, visit: <http://stats.bls.gov/emp/optd/home.htm>

## Methodology

Before using the data in this report, readers should understand this methodology and note its limitations. **The projections presented should be viewed as indicators of relative magnitude and probable direction rather than as forecasts of absolute occupational demand.**

Furthermore, the occupational forecasts are only measures of expected employment and demand for labor and indicate little about future labor supply. It is therefore recommended that these data be used with other sources of occupational information.

The total occupational employment of the forecast will be greater than the total nonfarm employment estimated by the Current Employment Statistics (CES) program and Occupational Employment Survey (OES) program for the following reasons. First, self employed, unpaid family workers, and agriculture workers are included in the projections, but not in CES and OES. Next, some industries are not included in the OES data because of low survey response rate and a base employment level that is too small to make any statistically significant estimates.

Employment projections provided in this publication were developed in cooperation with and using techniques based on those developed by the U.S Department of Labor's Bureau of Labor Statistics. This methodology is comprised of five basic steps:

- 1) Industry employment data is compiled from CES and unemployment insurance tax records.
- 2) A fraction of the industry employment is assumed to be self employed or unpaid family workers. The fraction is determined from national surveys and is added to the state's industry employment data.
- 3) Staffing patterns from state and national data are used to divide each industry's total employment into the different occupations for that industry.
- 4) Each industry's total employment is calculated during the forecast period according to the short term industry projections for the same time period that were produced by DES Research Administration. The short term industry projections are available online at:  
<http://www.workforce.az.gov/?PAGEID=67&SUBID=174>
- 5) Total employment in any occupation is not only calculated by changes in the total industry employment, but also by changes in share of that occupation's employment in each industry. The change in the share of total industry employment of any occupation is known as the occupational change factor. When the occupational change factor is determined for each occupation in every industry, the occupational forecasts are finished.

To avoid the possible disclosure of confidential employer information, employment data have been suppressed if: less than three firms reported a single occupation; one firm reported more than 50 percent of the occupational estimate; or two firms combined reported more than 75 percent of the occupational estimate. In certain cases, releases may have been obtained from large employers to waive the confidentiality criteria.